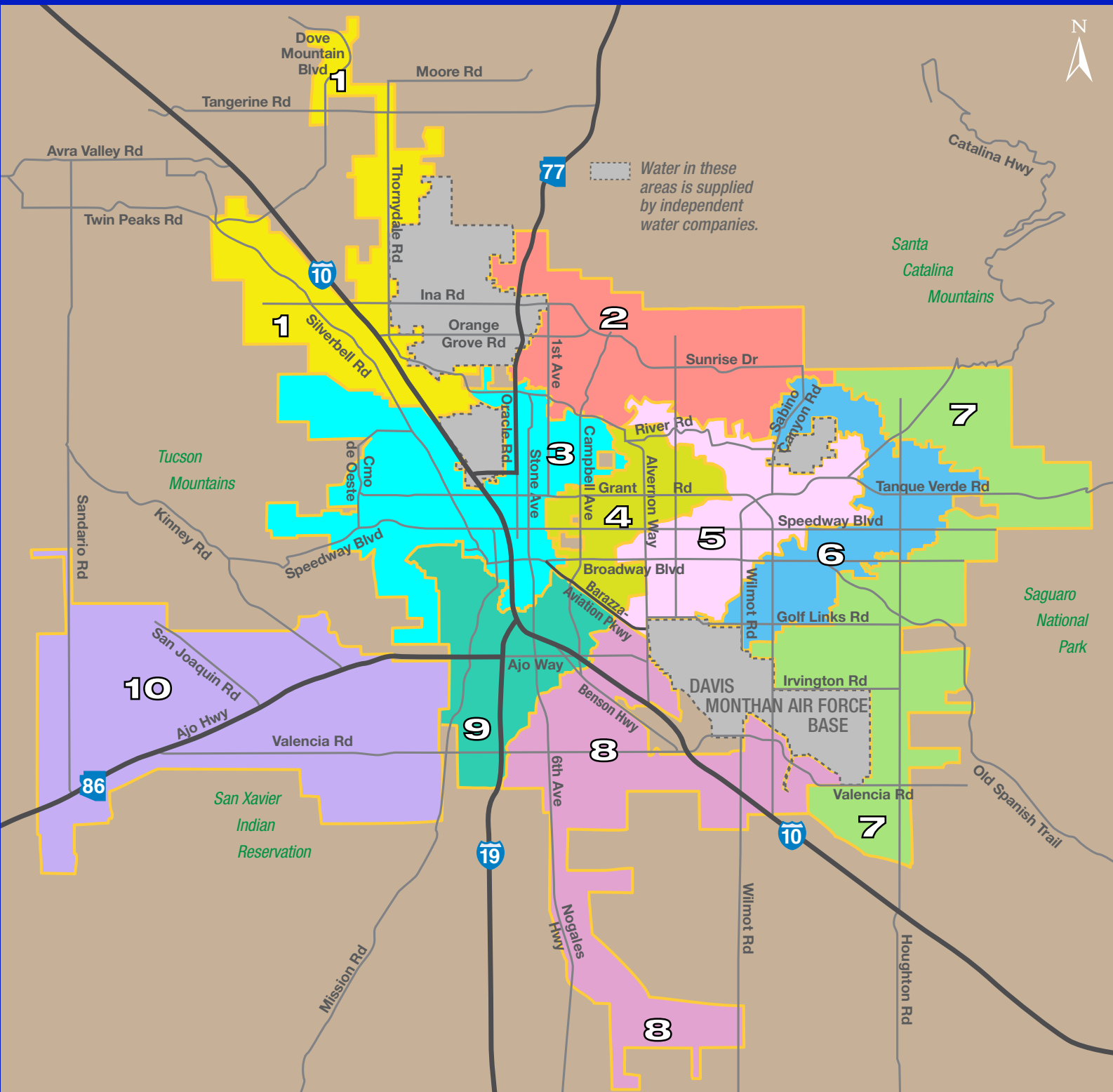


DECEMBER 2013

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

Main Water System



DECEMBER 2013

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

Main Water System

TEST RESULTS BY WATER QUALITY ZONE

Zones	Hardness (mg/L*) 86 SP	Sodium (mg/L*) 86 SP	Nitrate-N (mg/L*) 86 SP	Fluoride (mg/L*) 86 SP	pH Level (S.U.) 247 SP	Temperature (deg°F) 247 SP
1	213	67	1.44	0.45	7.9	70.4
2	229	62	0.90	0.43	8.0	72.8
3	225	60	1.37	0.55	7.9	72.0
4	198	56	0.85	0.39	8.0	72.3
5	230	62	0.81	0.40	8.0	72.4
6	230	61	0.84	0.41	8.0	73.1
7	223	60	0.94	0.42	8.0	71.1
8	256	52	2.00	0.75	7.7	71.1
9	222	56	1.50	0.55	7.8	73.6
10	200	59	1.27	0.42	7.9	71.7
Avg	226	59	1.16	0.48	7.9	72.2

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standards
for positive
samples
Positive
results
247 samples

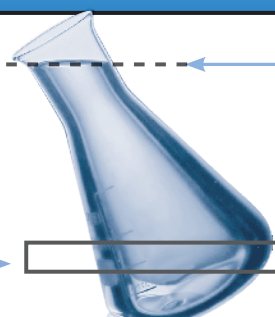


CHLORINE

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L

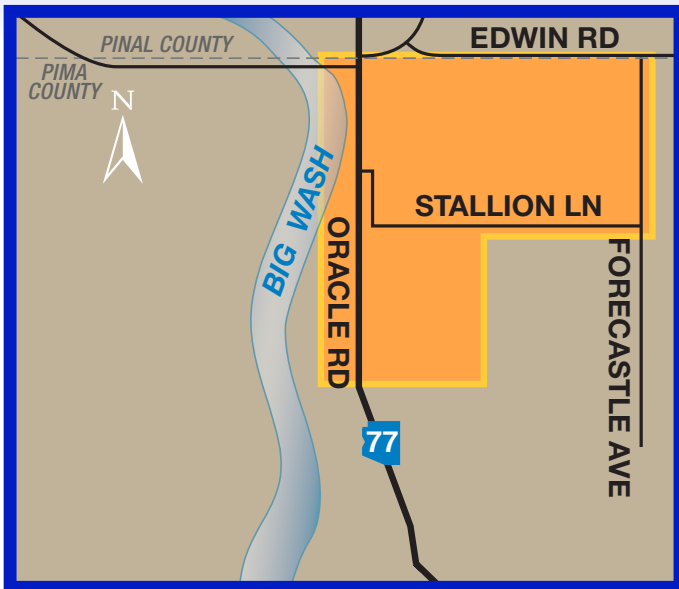
Actual Average
247 samples—0.9 ppm



Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

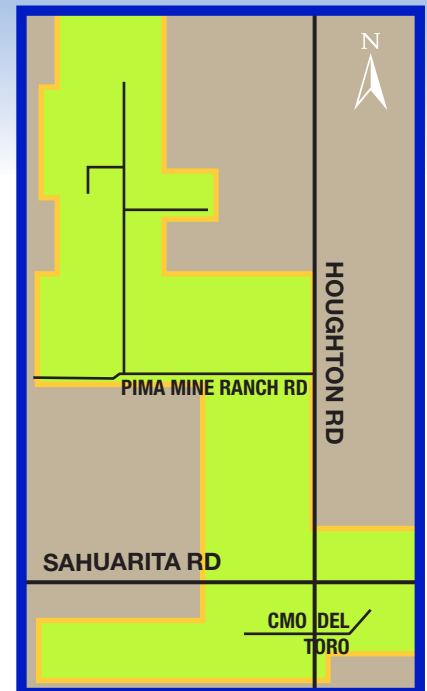
Catalina Water System

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 persons with water from two wells.



Corona De Tucson System

Corona De Tucson is a community located near Sahuarita and Houghton Roads, with about 2,600 services supplying about 7,300 persons with water from three wells.



TEST RESULTS from 2 Sample Points

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
87	25	0.46	0.53	8.2	67.3

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

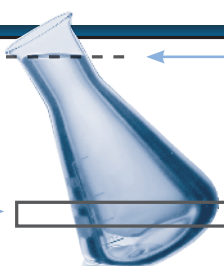


CHLORINE

Actual Average
1.1 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L



TEST RESULTS from 8 Sample Points

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
234	50	1.12	0.40	7.5	70.0

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

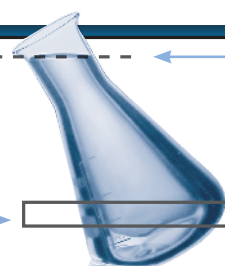


CHLORINE

Actual Average
0.9 mg/L

EPA Standard
Max. 4.0 mg/L

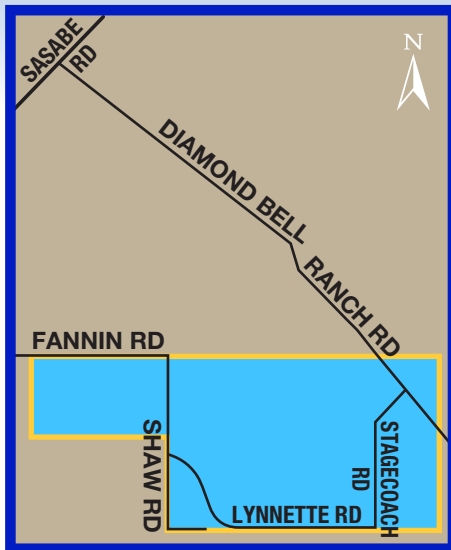
Tucson Water
target average
0.8 to 1.2 mg/L



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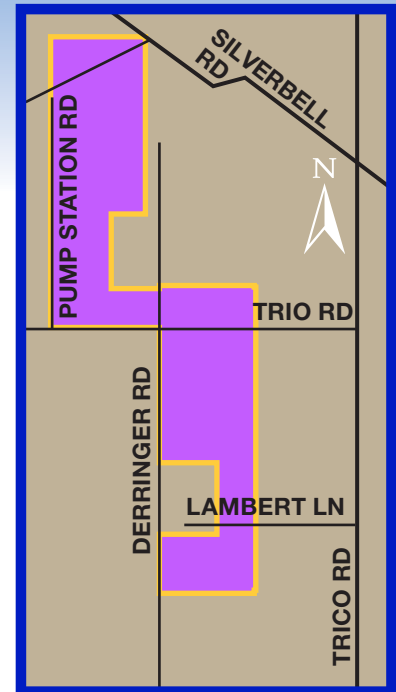
Diamond Bell System

Diamond Bell is a community located south and east of Sasabe Road and Diamond Bell Ranch Road respectively, with about 200 connections supplying about 570 persons with water from two wells.



Rancho del Sol Lindo & White Fence Farms System

Rancho del Sol Lindo is a community located southwest of Silverbell Road and North Trico Road. Rancho del Sol Lindo has about 1,000 connections, supplying about 2,700 persons with water from two wells.



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
111	28	1.64	0.29	7.8	65.5

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

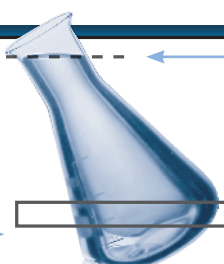


CHLORINE

Actual
0.7 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L



TEST RESULTS from 3 Sample Points

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
140	39	3.53	0.58	7.9	69.6

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

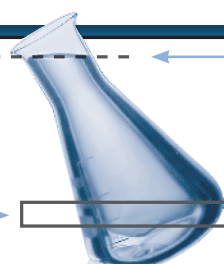


CHLORINE

Actual Average
1.0 mg/L

EPA Standard
Max. 4.0 mg/L

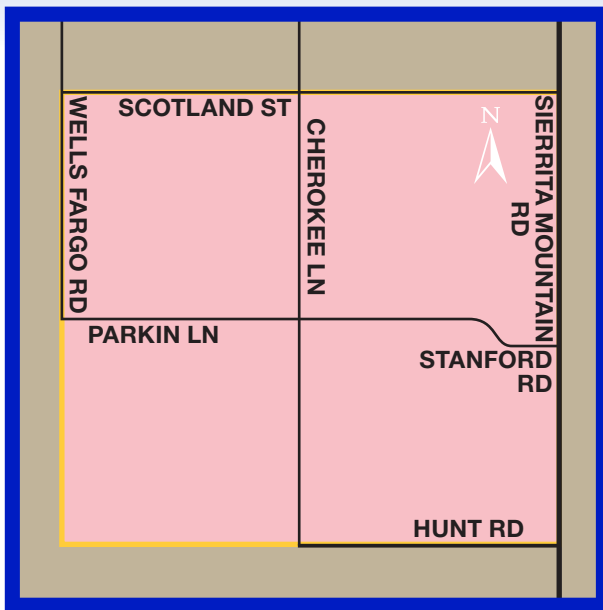
Tucson Water
target average
0.8 to 1.2 mg/L



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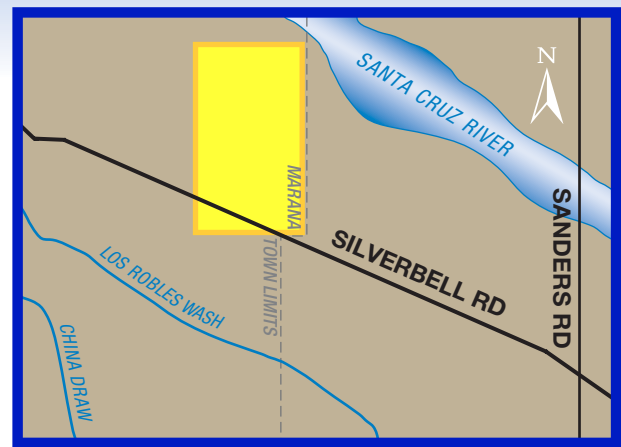
Sierrita Foothills System

This is a small community by the Three Points area, with 30 connections supplying approximately 75 people from one well.



Silverbell West System

The Silverbell West system has 83 connections serving approximately 230 people from one well.



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
93	37	1.76	0.51	7.8	64.9

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COLIFORM

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EPA standard for positive samples

Positive result

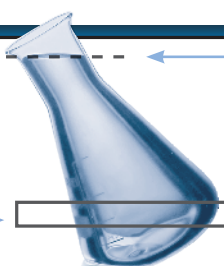


CHLORINE

Actual
0.8 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
282	83	4.29	0.45	7.6	67.8

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

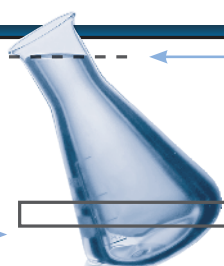


CHLORINE

Actual
0.7 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L



DECEMBER 2013

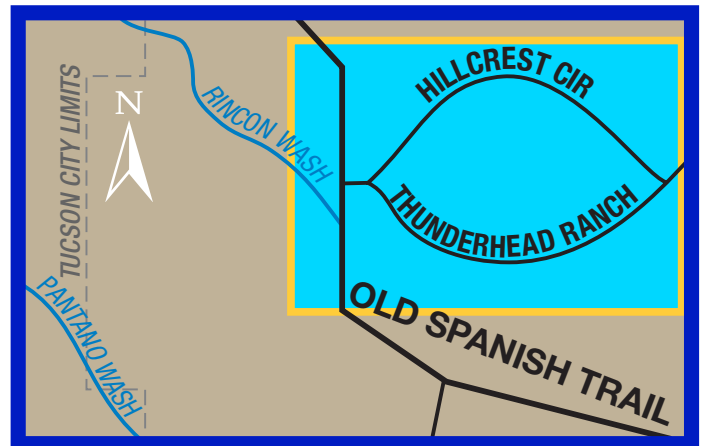
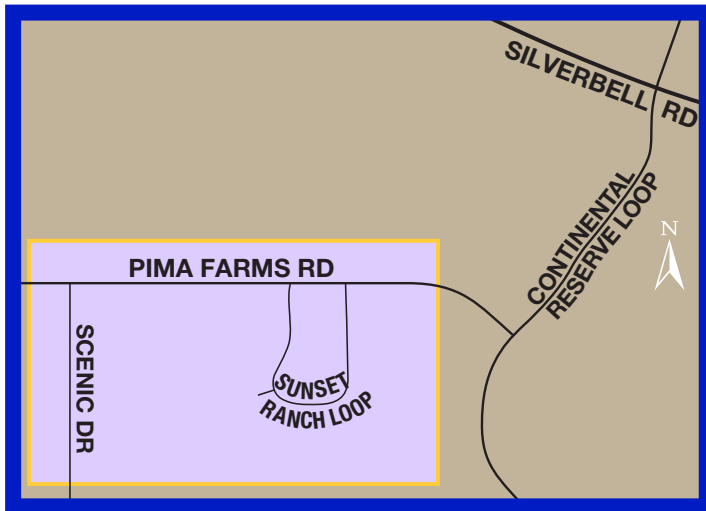
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Sunset Ranch Water System

The Sunset Ranch system is a unique water system serving approximately 30 homes. This is the only Tucson Water system where water is not supplied by a Tucson Water well; the Town of Marana supplies water to the Sunset Ranch system.

Thunderhead Ranch System

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 persons with water from two wells.



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
277	111	3.89	0.69	7.3	70.0

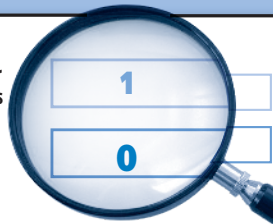
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COLIFORM

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EPA standard for positive samples

Positive result

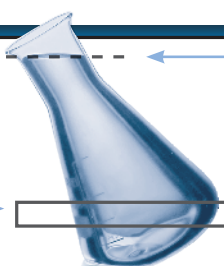


CHLORINE

Actual
1.1 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
88	12	1.93	0.17	8.1	66.9

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COLIFORM

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EPA standard for positive samples

Positive result

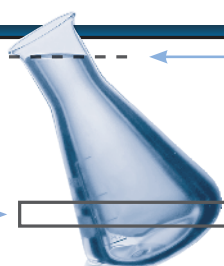


CHLORINE

Actual
1.0 mg/L

EPA Standard
Max. 4.0 mg/L

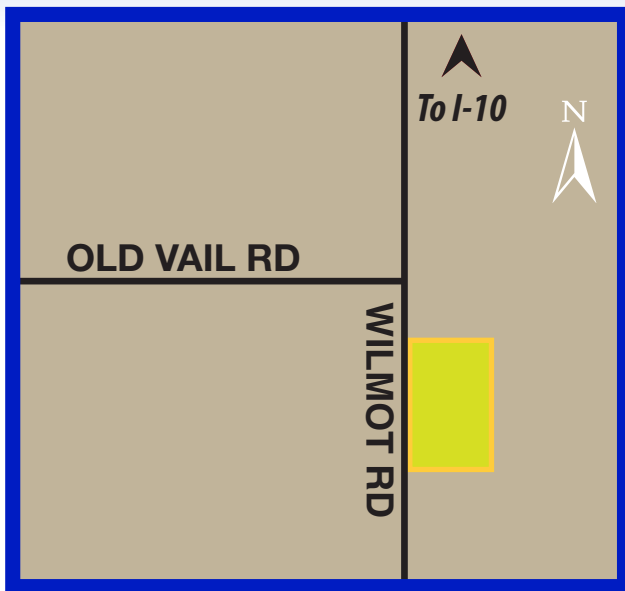
Tucson Water
target average
0.8 to 1.2 mg/L



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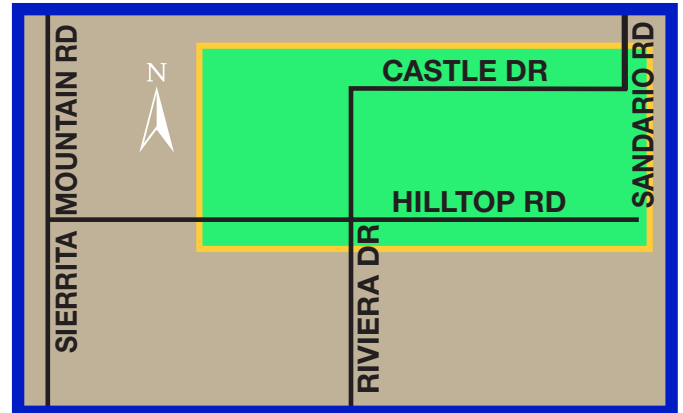
Tucson Police-Fire Academy System

The Police-Fire Academy, located south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 persons regularly, plus class members taught at this facility.



Valley View Acres Water System

Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
195	41	0.81	0.31	7.6	69.4

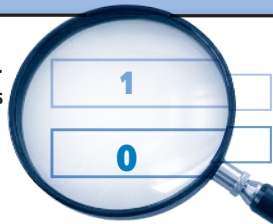
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COLIFORM

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EPA standard for positive samples

Positive result

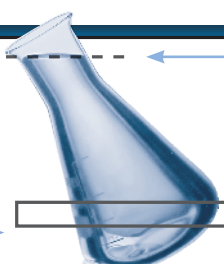


CHLORINE

Actual
0.7 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
112	43	1.82	0.58	7.4	65.4

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result



CHLORINE

Actual
1.0 mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L

